



# CL 9474 NOVOLAC GLASSFLAKE REINFORCED EPOXY COATING

CL 9474 is a two component Epoxy Novolac coating reinforced with glass flakes , designed to provide maximum corrosion resistance and wear resistance against the most aggressive chemicals in extreme service applications.

CL 9474 Novolac Glass Flake Reinforced Epoxy Coating will form strong layers of impermeable properties that will further enhance the chemical resistance properties and abrasion resistant of epoxy novolac. It can be applied as a solvent-free coating / lining over surfaces for steel and concrete structures that is exposed to aggressive chemicals including immersion services.

## RECOMMENDED USES

CL 9474 Novolac Glass Flakes Reinforced Epoxy Coating is designed to provide maximum corrosion and wear resistance against corrosive chemicals, sea water, underground for pipes, tanks, secondary containment or any structures exposed to aggressive environment.

## ADVANTAGE

- Durable – Tough and impermeable layer with excellent resistance against wear and tear.
- Chemical resistance – Excellent resistance against the most corrosive chemicals.
- Adhesion – Excellent adhesion to most surfaces.
- Environmentally friendly – Zero VOC.

## CHEMICAL RESISTANCE GUIDE

Exposure	Immersion	Splash & Spillage	Fumes
Acids	Excellent	Excellent	Excellent
Alkali	Excellent	Excellent	Excellent
Solvents	Excellent	Excellent	Excellent
Salt water	Excellent	Excellent	Excellent
Water	Excellent	Excellent	Excellent

## PHYSICAL DATA

Volume Solids	: 100 %
Theoretical Coverage	: 3.2 m <sup>2</sup> /kg @ 250 microns DFT
Type	: Two components
Mixing Ratio	: 4 part A to 1 part B by weight
Colour Availability	: Refer to colour chart
Recommended Thickness	: 250 to 1000 microns DFT per coat

No. of coats recommended : One  
Pot Life : 15 minutes (varies with temperature)

**Packing Size : 5kg** : Part A – 4 kg  
: Part B – 1 kg

## **APPLICATION INSTRUCTIONS**

### **Surface Preparation:**

#### **Steel**

Abrasive blast clean to a minimum standard of Sa2.5 (ISO8501-1:1988) or SSPC-SP10. For optimum performance and for highly corrosive conditions, blasting to Sa3/First Quality or SSPC-SP5 is recommended.

Average surface profile of 50-75 microns is required.

The surface to be coated must be clean and dry and free from all visible traces of surface contaminants.

#### **Concrete**

Concrete shall be at least grade 25 and new concrete shall be cured for minimum 28 days.

Surface tensile shall be in accordance with BS EN 1542. Surface to be coated shall be dry smooth surfaces shall be roughened by grinding or abrasive blasting to a medium grit size sand paper pot life to ensure good adhesion.

#### **Mixing**

Mix Part A thoroughly then add in Part B and mix homogeneous. Do not mix more materials than the quantity to be consumed within the pot life.

#### **Application**

The mixed materials shall be applied by brush, roller or airless spray. For spray application hold gun 8 to 10 inches from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun. The coating can be applied by brush and roller but surface will be textured and variation in thickness.